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Examiner: Hoey  
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Applicant: Stephen Blauer et al

Application: 10/601,949

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For: Lightweight protective Clothing and Textile  
Material Incorporated Therein

Boston, Massachusetts  
Date: 03-26-2005

**Document B:**  
**Marked Up Copy of the Claims, as amended.**

WHAT IS CLAIMED IS:

Claims 1-7 (cancelled)

Claim 8 (currently amended) A raincoat that reversibly provides for a wearer a dress mode and a protective mode, said dress mode presenting a dress facing exterior and a protective facing interior, said protective mode presenting a protective facing exterior and a dress facing interior, said raincoat comprising a plurality of panels fabricated from a clothing material that includes said dress facing, said protective facing and an interstice therebetween:

(a) certain of said panels having cooperatively joined edges to form a bodice;

(b) said bodice including a pair of said panels that span the anterior of said wearer, and a back panel that spans the posterior of said wearer;

(c) certain of said panels having reversely joined edges to form a pair of sleeves;

(d) a first pair of stitched seams about the underarms and shoulders of said raincoat joining said sleeves to said ITont panels and said back panel;

(e) a second pair of stitched seams along said reversely joined edges of said sleeves and extending from said underarms to the cuffs of said sleeves;

( f) a third pair of stitched seams along said cooperatively joined edges of said bodice; and

(g) tape extending along and sealed to said protective facing across said stitched seams;

(h) The raincoat of claim 7 wherein said tape and  
said protective facing ~~have~~ having surfaces of the same visual appearance.

Claim 9 (currently amended) A raincoat that reversibly provides for a  
wearer a dress mode and a protective mode, said dress mode presenting a dress facing  
exterior and a protective facing interior, said protective mode presenting a protective  
facing exterior and a dress facing interior, said raincoat comprising a plurality of  
panels fabricated from a clothing material that includes said dress facing, said protective  
facing and an interstice therebetween:

(a) certain of said panels having cooperatively joined edges to form a bodice;

(b) said bodice including a pair of said panels that span the anterior of said  
wearer, and a back panel that spans the posterior of said wearer;

(c) certain of said panels having reversely joined edges to form a pair of  
sleeves;

(d) a first pair of stitched seams about the underarms and shoulders of said  
raincoat joining said sleeves to said ITont panels and said back panel;

(e) a second pair of stitched seams along said reversely joined edges of said  
sleeves and extending from said underarms to the cuffs of said sleeves;

( f) a third pair of stitched seams along said cooperatively joined edges of said  
bodice; and

(g) tape extending along and sealed to said protective facing across said  
stitched seams;

(h) ~~The raincoat of claim 7 wherein~~ said tape and said protective facing ~~are~~ being fluorescent.

Claim 10 (currently amended): A raincoat that reversibly provides for a dress mode and a protective mode, said dress mode presenting a dress facing exterior and a protective facing interior, said protective mode presenting a protective facing exterior and a dress facing interior, said raincoat comprising a plurality of panels fabricated from a clothing material that includes said dress facing, said protective facing and an interstice therebetween:

- (a) certain of said panels having cooperatively joined edges to form a bodice;
- (b) said bodice including a front pair of said panels that span the anterior of said wearer, and a back panel that spans the posterior of said wearer;
- (c) certain of said panels having reversely joined edges to form a pair of sleeves;
- (d) a first pair of stitched seams about the underarms and shoulders of said raincoat joining said sleeves to said front panels and said back panel;
- (e) ~~(d)~~ a second pair of stitched seams along said reversely joined edges of said sleeves and extending from said underarms to the cuffs of said sleeves;
- (f) ~~(e)~~ a third pair of stitched seams along said cooperatively joined edges of said bodice;
- (g) ~~(f)~~ tape extending along and sealed to said protective facing across said stitched seams;
- (h) ~~(g)~~ said front pair of said panels having a pair of contiguous borders, one

border of which includes a pair of superposed flaps having a pair of columns of fastener elements, and the other border of which includes a single column of fastener elements;

(i) ~~(h)~~ said single column of fastener elements being adapted to mate with at least one of said pair of columns of fastener elements when said raincoat is in said dress mode or said protective mode.

(j) ~~(k)~~ said dress facing consisting essentially of a first fabric, said work facing stratum consisting essentially of a second fabric, said interstice strata consisting essentially of a vapor permeable membrane;

(k) ~~(b)~~ said dress mode being characterized by an exterior that is presented by said first fabric;

(l) ~~(d)~~ said work mode being characterized by an exterior that is presented by said second fabric; and

(m) ~~(e)~~ tape along certain of said threaded seams in contact with said second fabric along borders of said panels to seal said threaded seams;

(n) ~~(f)~~ both said dress facing and said work facing being infused with a water repellant treatment.

Claim 11 (original): The raincoat of claim 10 wherein said dress facing is a weave and said protective facing is a knit.

Claim 12 (original): The raincoat of claim 10 wherein said first fabric is a dark weave and said second fabric is a fluorescent knit.

Claim 13 (original): The raincoat of claim 10 wherein said dress facing and said protective stratum are treated with a water repellant fluorethylene polymer.

Claim 14 (original): The raincoat of claim 10 wherein said water repellant treatment is a polytetrafluorethylene.

Claim 15 (currently amended): A rain jacket that reversibly provides for a dress mode and a protective mode, said dress mode presenting a dress facing exterior and a protective facing interior, said protective mode presenting a protective facing exterior and a dress facing interior, said rain jacket comprising a plurality of panels fabricated from a clothing material that includes said dress facing, said protective facing and an interstice therebetween:

- (a) certain of said panels having cooperatively joined edges to form a bodice;
- (b) said bodice including a front pair of said panels that span the anterior of said wearer, and a back panel that spans the posterior of said wearer;
- (c) certain of said panels having reversely joined edges to form a pair of sleeves;
- (d) a first pair of stitched seams about the underarms and shoulders of said raincoat joining said sleeves to said front panels and said back panel;
- (e) ~~(d)~~ a second pair of stitched seams along said reversely joined edges of said sleeves and extending from said underarms to the cuffs of said sleeves;
- (f) ~~(e)~~ a third pair of stitched seams along said cooperatively joined edges of said

bodice;

(g)~~(f)~~ tape extending along and sealed to said protective facing across said stitched seams;

(h)~~(g)~~ said front pair of said panels having a pair of contiguous borders, one border of which includes a pair of superposed flaps having a pair of columns of fastener elements, and the other border of which includes a single column of fastener elements;

(i)~~(h)~~ said single column of fastener elements being adapted to mate with at least one of said pair of columns of fastener elements when said raincoat is in said dress mode or said protective mode.

(j)~~(i)~~ said dress facing consisting essentially of a first fabric, said work facing stratum consisting essentially of a second fabric, said interstice strata consisting essentially of a vapor permeable membrane;

(k)~~(j)~~ said dress mode being characterized by an exterior that is presented by said first fabric;

(l)~~(k)~~ said work mode being characterized by an exterior that is presented by said second fabric; and

(m)~~(l)~~ tape along certain of said threaded seams in contact with said second fabric along borders of said panels to seal said threaded seams;

(n)~~(m)~~ both said dress facing and said work facing being infused with a water

repellant treatment.

Claim 16 (original): The rain jacket of claim 15 wherein said dress facing is a weave and said protective facing is a knit.

Claim 17 (original): The rain jacket of claim 15 wherein said first fabric is a dark weave and said second fabric is a fluorescent knit.

Claim 18 (original): The rain jacket of claim 15 wherein said dress facing and said protective stratum are treated with a water repellant fluorethylene polymer.

Claim 19 (original): The rain jacket of claim 15 wherein said water repellant treatment is a polytetrafluorethylene.

Claim 20 (currently amended): A raincoat that reversibly provides for a dress mode and a protective mode, said dress mode presenting a dress facing exterior and a protective facing interior, said protective mode presenting a protective facing exterior and a dress facing interior, said raincoat comprising a plurality of panels fabricated from a clothing material that includes said dress facing, said protectiv? facing and an interstice therebetween:

- (a) certain of said panels having cooperatively joined edges to form a bodice;
- (b) said bodice including a front pair of said panels that span the anterior of said wearer, and a back panel that spans the posterior of said wearer;
- (c) certain of said panels having reversely joined edges to form a pair of sleeves;



(d) a first pair of stitched seams about the underarms and shoulders of said raincoat joining said sleeves to said front panels and said back panel;

(e) ~~(d)~~ a second pair of stitched seams along said reversely joined edges of said sleeves and extending from said underarms to the cuffs of said sleeves;

(f) ~~(e)~~ a third pair of stitched seams along said cooperatively joined edges of said bodice;

(g) ~~(f)~~ tape extending along and sealed to said protective facing across said stitched seams;

(h) ~~(g)~~ said front pair of said panels having a pair of contiguous borders, one border of which includes a pair of superposed flaps having a pair of columns of fastener elements, and the other border of which includes a single column of fastener elements;

(i) ~~(h)~~ said single column of fastener elements being adapted to mate with at least one of said pair of columns of fastener elements when said raincoat is in said dress mode or said protective mode.

(j) ~~(i)~~ said dress facing consisting essentially of a first fabric, said work facing stratum consisting essentially of a second fabric, said interstice strata consisting essentially of a vapor permeable membrane;

(k) ~~(j)~~ said dress mode being characterized by an exterior that is presented by said first fabric;

(l) ~~(k)~~ said work mode being characterized by an exterior that is presented by said second fabric; and

(m) ~~(l)~~ along certain of said threaded seams in contact with said second fabric along borders of said panels to seal said threaded seams;

(n) ~~(m)~~ both said dress facing and said work facing being infused with a water repellant treatment;

(o) ~~(n)~~ said dress facing being a dark weave and said protective facing being a fluorescent knit;

(p) ~~(o)~~ said dress facing and said protective stratum being treated with a water repellant polytetrafluorethylene polymer.

Claim 21 (new): A reversible raincoat comprising a plurality of panels joined by a plurality of threaded seams for alternatively presenting a dress mode exterior or a protective mode exterior:

(a) a plurality of said panels being fabricated from a clothing material including a dress facing, a work facing and an interstice therebetween;

(b) said dress facing consisting essentially of a first fabric, said work facing stratum consisting essentially of a second fabric, said interstice consisting essentially of a vapor permeable membrane;

(c) said dress mode presenting an exterior characterized by said first fabric;

(d) said work mode presenting an exterior characterized by said second fabric;

and

(e) tape along certain of said threaded seams in contact with said second fabric along borders of said panels to seal said certain of said threaded seams;

(f) both said dress facing and said work facing being infused with a fluoroethylene polymer that renders said raincoat substantially water repellant;

(g) said first fabric being a weave and said second fabric being a fluorescent knit.